CMTS 2-00 Cable Modem Termination System | 32×8



- ✔ Feeding in Internet services in small cable systems
- ✔ According to DOCSIS and EuroDOCSIS 3.0 / 2.0
- ✔ For up to 512 modems
- ✔ 32 downstream channels
- ✔ 8 upstream channels
- ✔ 1600 Mbps in the downstream
- ✔ 240 Mbps in the upstream
- ✔ Web-based configuration
- ✔ Supports SNMP
- ✔ 19" housing, 1RU

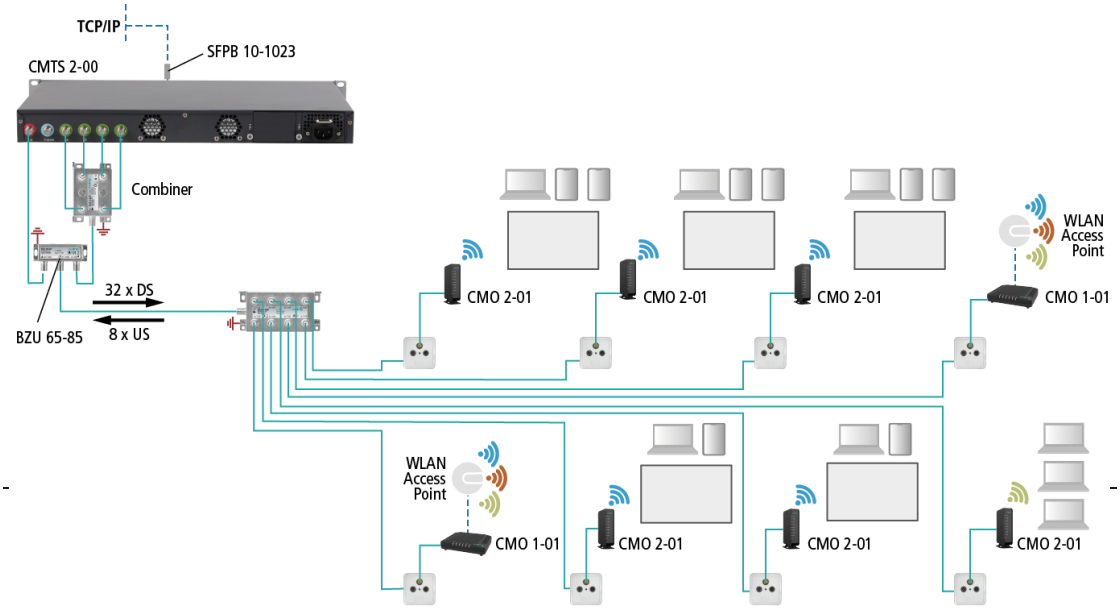
Order information

Type	CMTS 2-00
Order no.	CMTS00200
GTIN	7611682007206
PE	1
VE	1
EU customs tariff number	85176200

Technical data

Max. number of modems in the network	512
Downstream	
Number of channels	32
Data rate	1600 Mbps
Frequency range	87…1002 MHz
Channel bandwidth	6 MHz / 8 MHz
Modulation	QAM64, QAM256
Output level	40 dBmV = 100 dBµV @ 32 chs 43 dBmV = 103 dBµV @ 16 chs 46 dBmV = 106 dBµV @ 8 chs 49 dBmV = 109 dBµV @ 4 chs 52 dBmV = 112 dBµV @ 2 chs 55 dBmV = 115 dBµV @ 1 ch
MER	≥39 dB @ Equalizer off ≥43 dB @ Equalizer on
Upstream	
Number of channels	8
Data rate	240 Mbps
Frequency range	5…65 MHz
Channel bandwidth	1.6 MHz / 3.2 MHz/ 6.4 MHz
Reception level range	–7...+23 dBmV = +53 ... +83 dBµV @ 6.4 MHz –10...+20 dBmV = +50 ... +80 dBµV @ 3.2MHz –13...+17 dBmV = +47 ... +77 dBµV@ 1.6MHz
Demodulation	QPSK, QAM16, QAM32, QAM64
Interfaces	
SFP	1 × 10GE SFP+
Ethernet connectors	1 × RJ45
Ethernet standards	IEEE 802.3ah, 1000 Base-T
Serial	1 × 115200 bps
Connectors	
Connector type	F-female
Return loss	≥13 dB
General	
Operating temperature range	0…+40°C
Operating humidity (non-condensing)	10…90%
Operating voltage	90…264 VAC | 47…63Hz
Power consumption	70 W
Dimensions (W × H × D) appr.	483 mm × 44 mm × 300 mm
Weight	4.500 kg

Example of use



Suitable products

CMO 1-98R Cable modem DOCSIS/EuroDOCSIS
CMO 2-98R Cable gateway DOCSIS/EuroDOCSIS | Wi-Fi
BZU 65-85 Diplexer 65/85 MHz
CZU 2-00 Additional power supply unit CMTS 2-00
CZU 3-00 Startup kit with accessories for CMTS 2-00
SFPB 10-1023 Bidirectional SFP+ Transceiver 10G | 10 km | TX 1270 nm | RX 1330 nm
SFPB 10-1032 Bidirectional SFP+ Transceiver 10G | 10 km | TX 1330 nm/RX 1270 nm
SFPB 10-2023 Bidirectional SFP+ Transceiver 10G | 20 km | TX 1270 nm | RX 1330 nm
SFPB 10-2032 Bidirectional SFP+ Transceiver 10G | 20 km | TX 1330 nm/RX 1270 nm